

FIG. 1 (PRIOR ART)

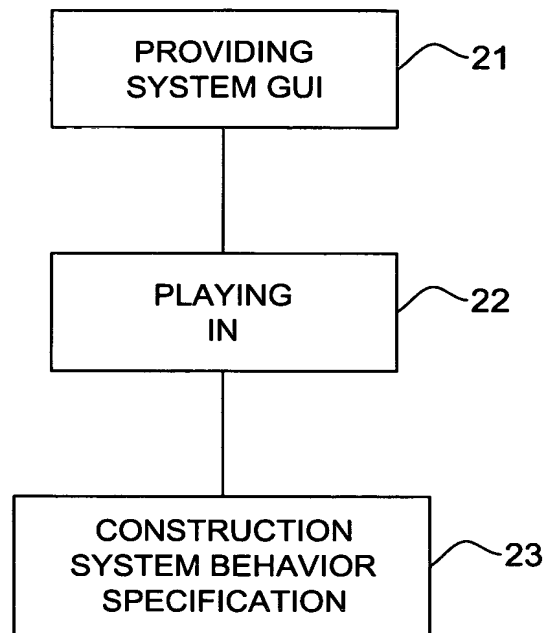


FIG. 2A

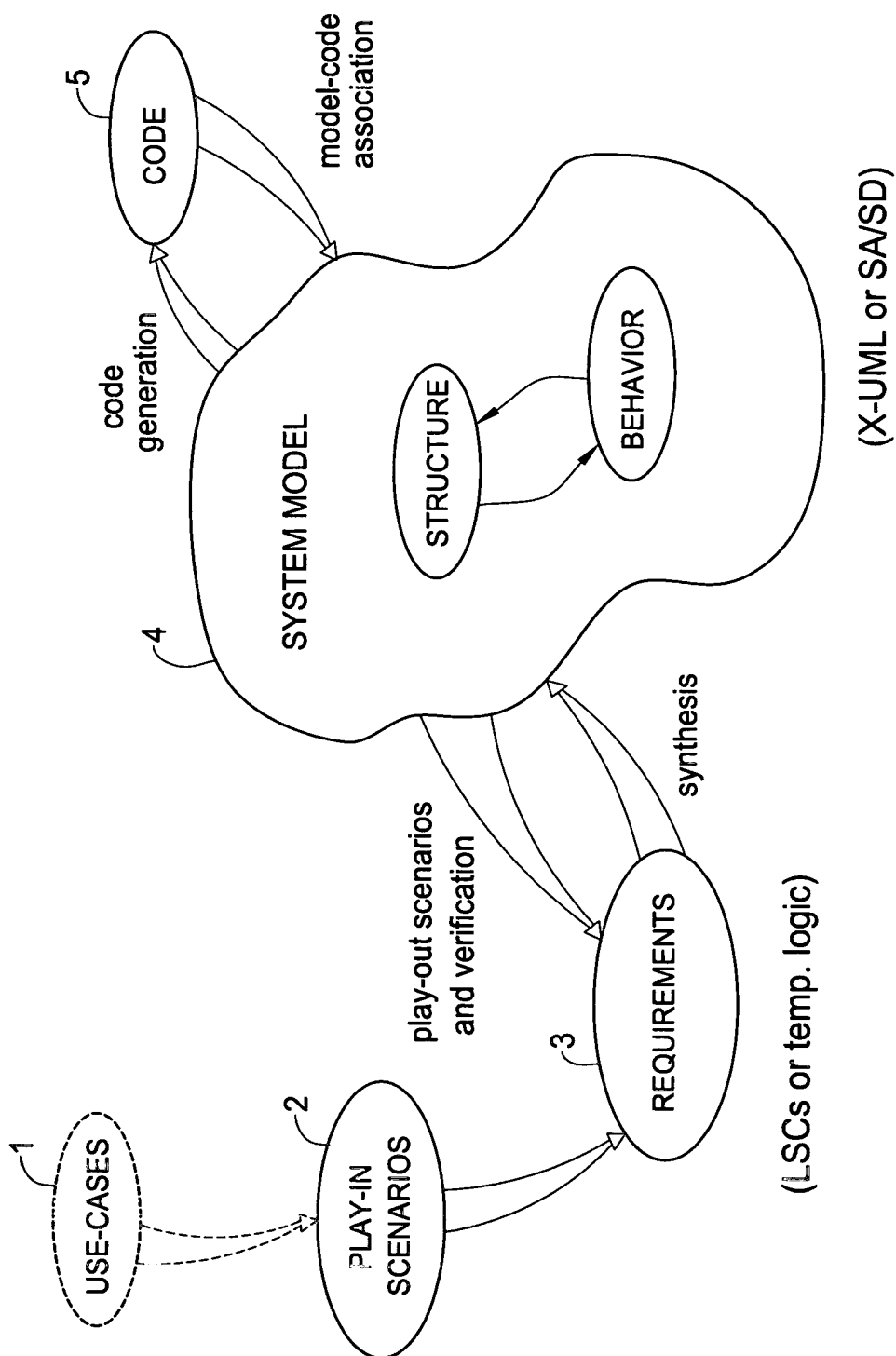


FIG. 2B

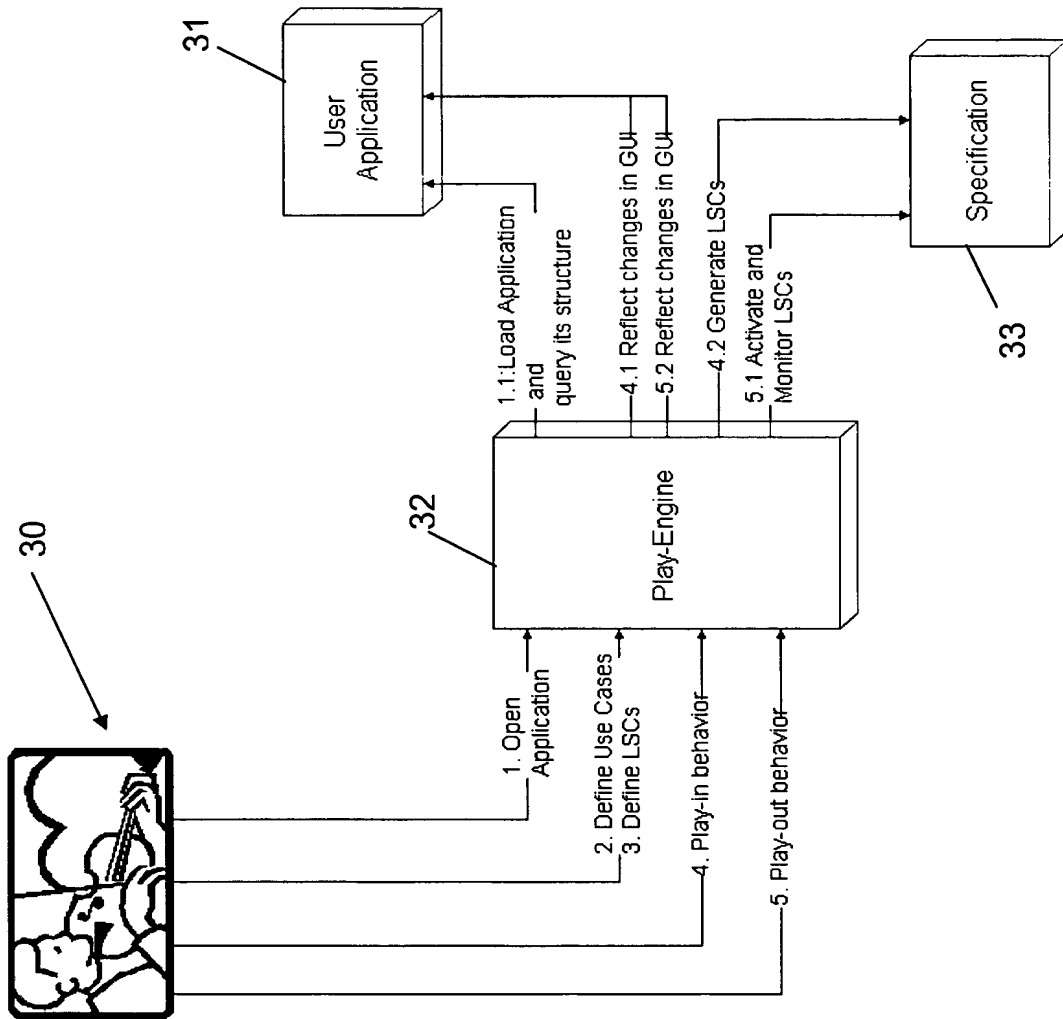
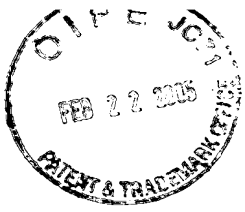


FIG.3

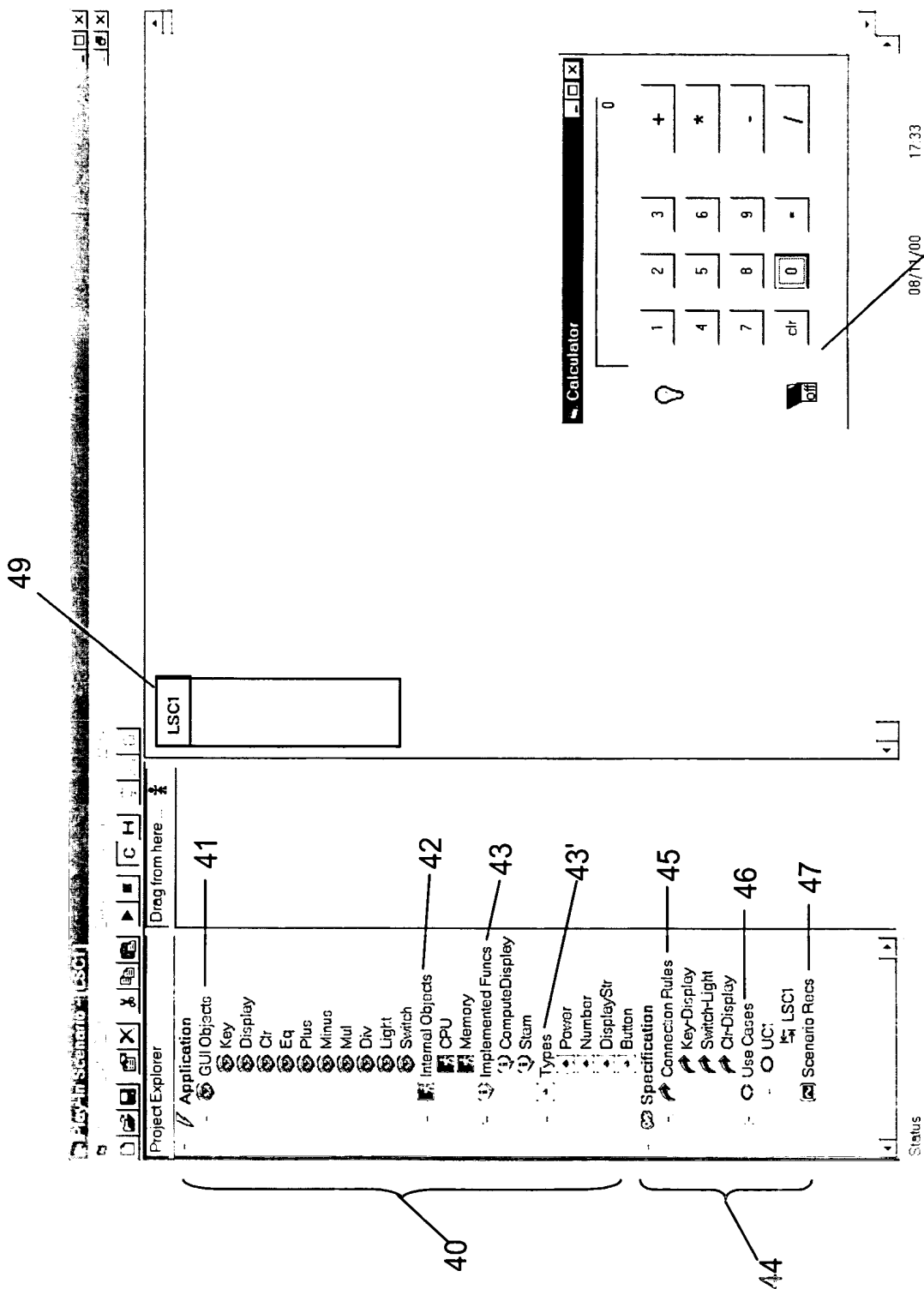


FIG.4

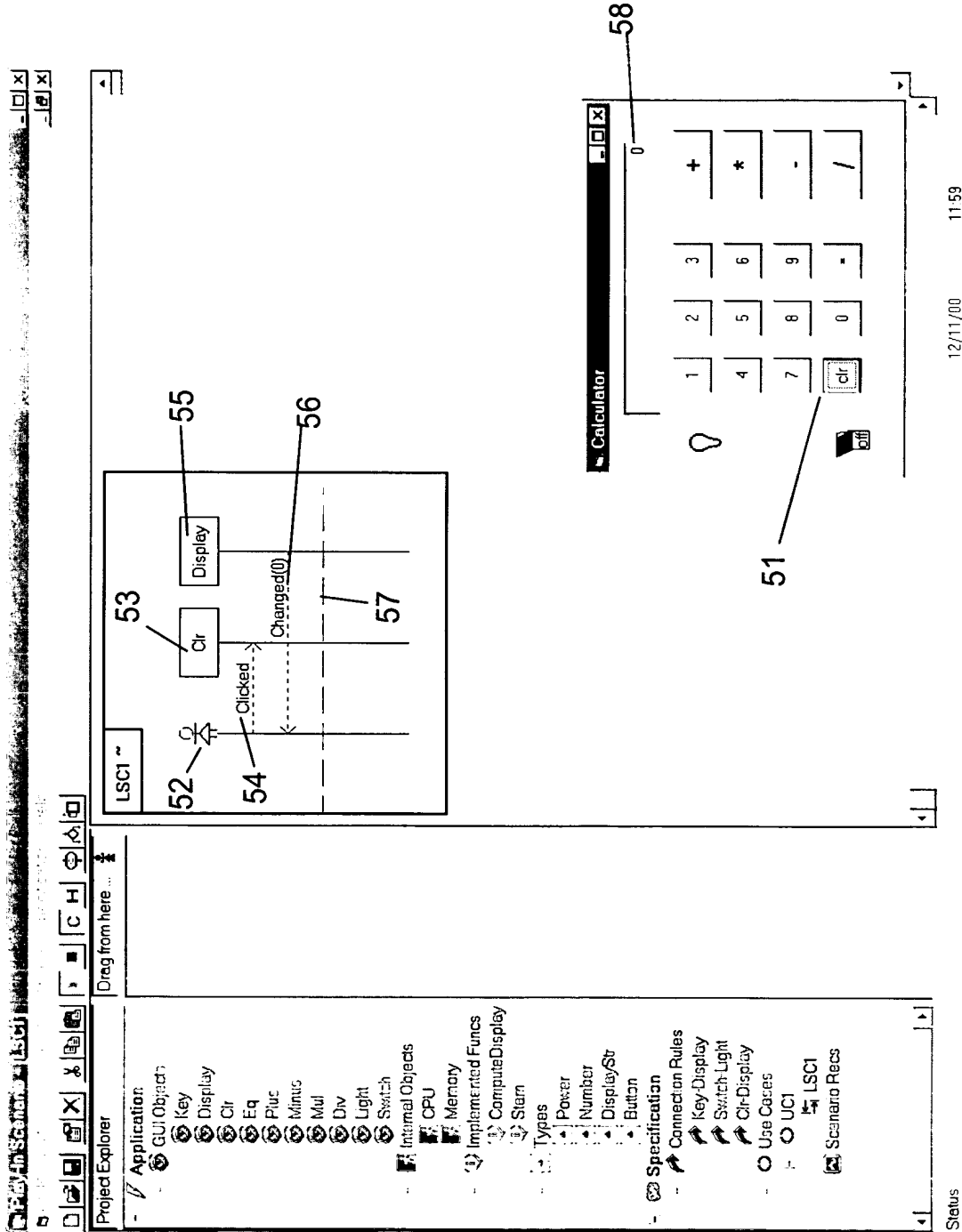


FIG.5

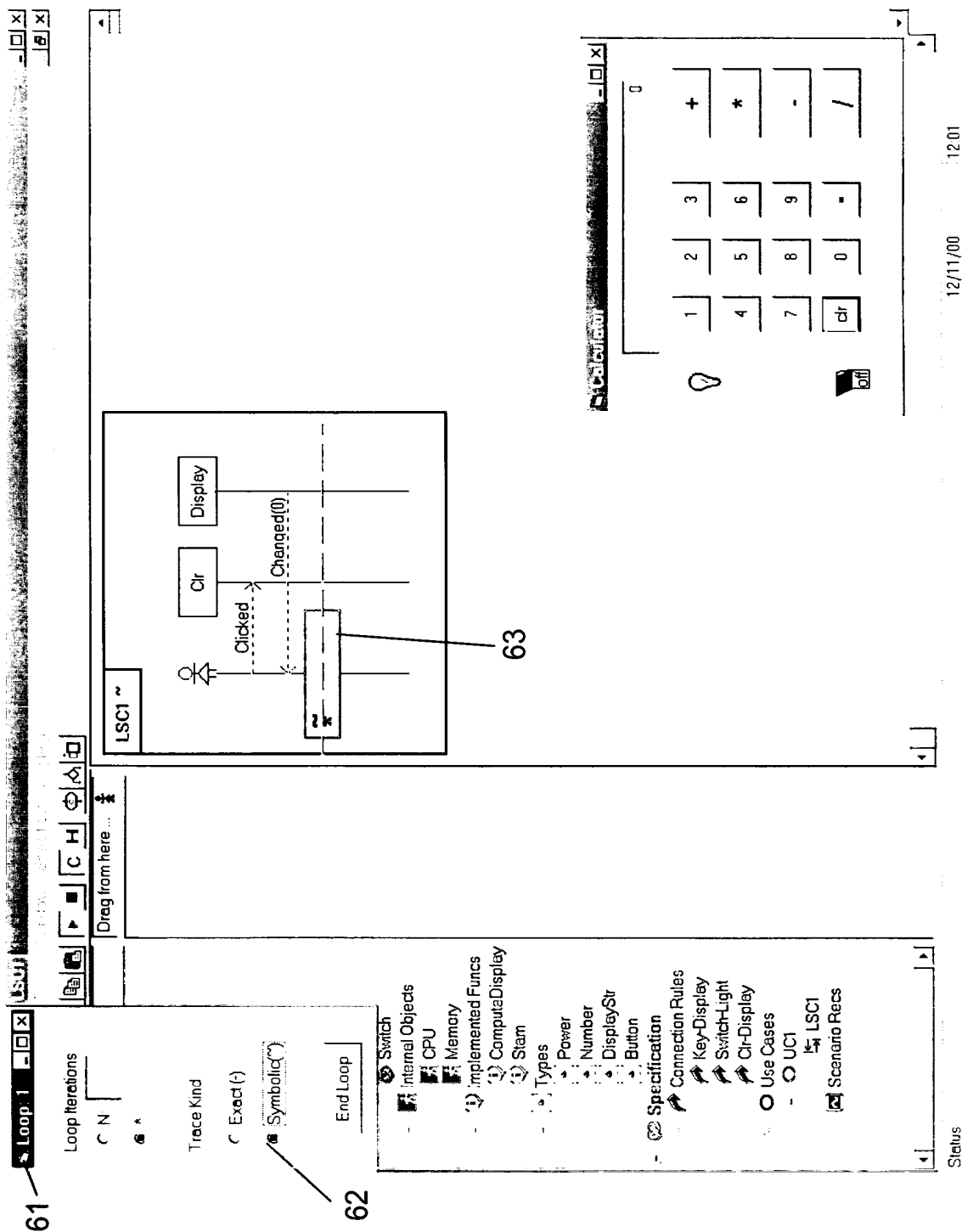
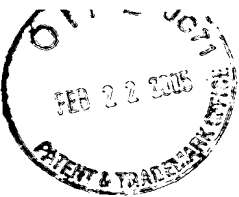


FIG. 6

The screenshot displays the LSC1 software interface. On the left is the 'Project Explorer' pane with a tree view containing 'Application' and 'GUI Objects'. The 'GUI Objects' list includes: Key, Display, Clr, Eq, Plus, Minus, Mul, Div, Light, Switch, Internal Objects, CPU, Memory, Implemented Funcs, ComputeDisplay, Stam, Types, Power, Number, DisplayStr, Button, Specification, Connection Rules, Key Display, Switch-Light, Clr-Display, Use Cards, UC1, LSC1, and Scenario Recs. The main workspace shows a diagram with a box labeled 'LSC1 ~' containing a light bulb icon and a 'Clicked' event. This event is connected to a 'Changed(0)' function, which is connected to a 'Clicked(X2)' event, which is connected to a 'Changed(ComputeDisplay(X2))' function. The diagram is labeled with numbers 72, 73, 74, and 75. On the right is a 'Calculator' window with a numeric keypad and arithmetic operators. The status bar at the bottom shows 'Status' and the date '12/11/00'.



84

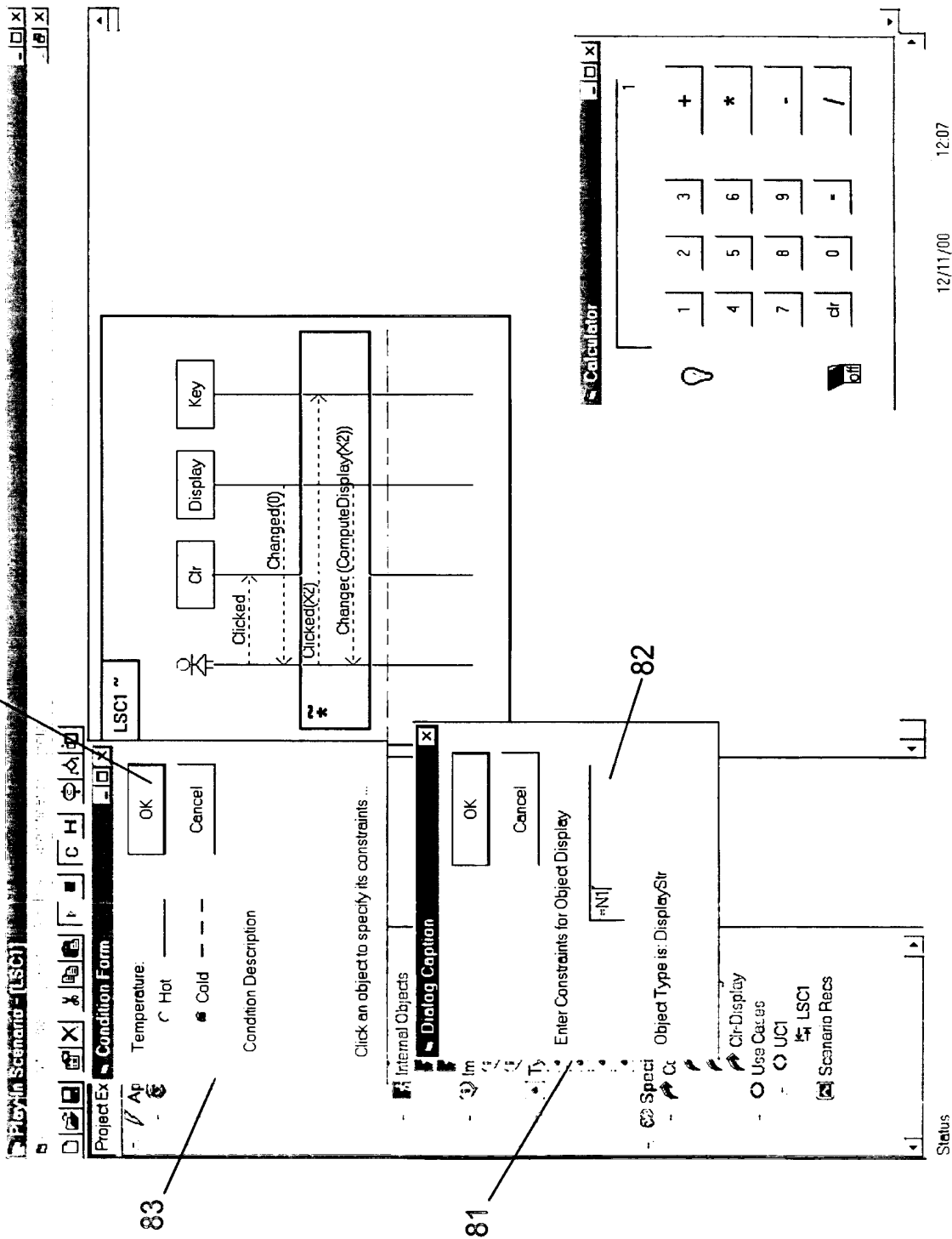


FIG.8



Replacement Sheet
10/034,433

10/33

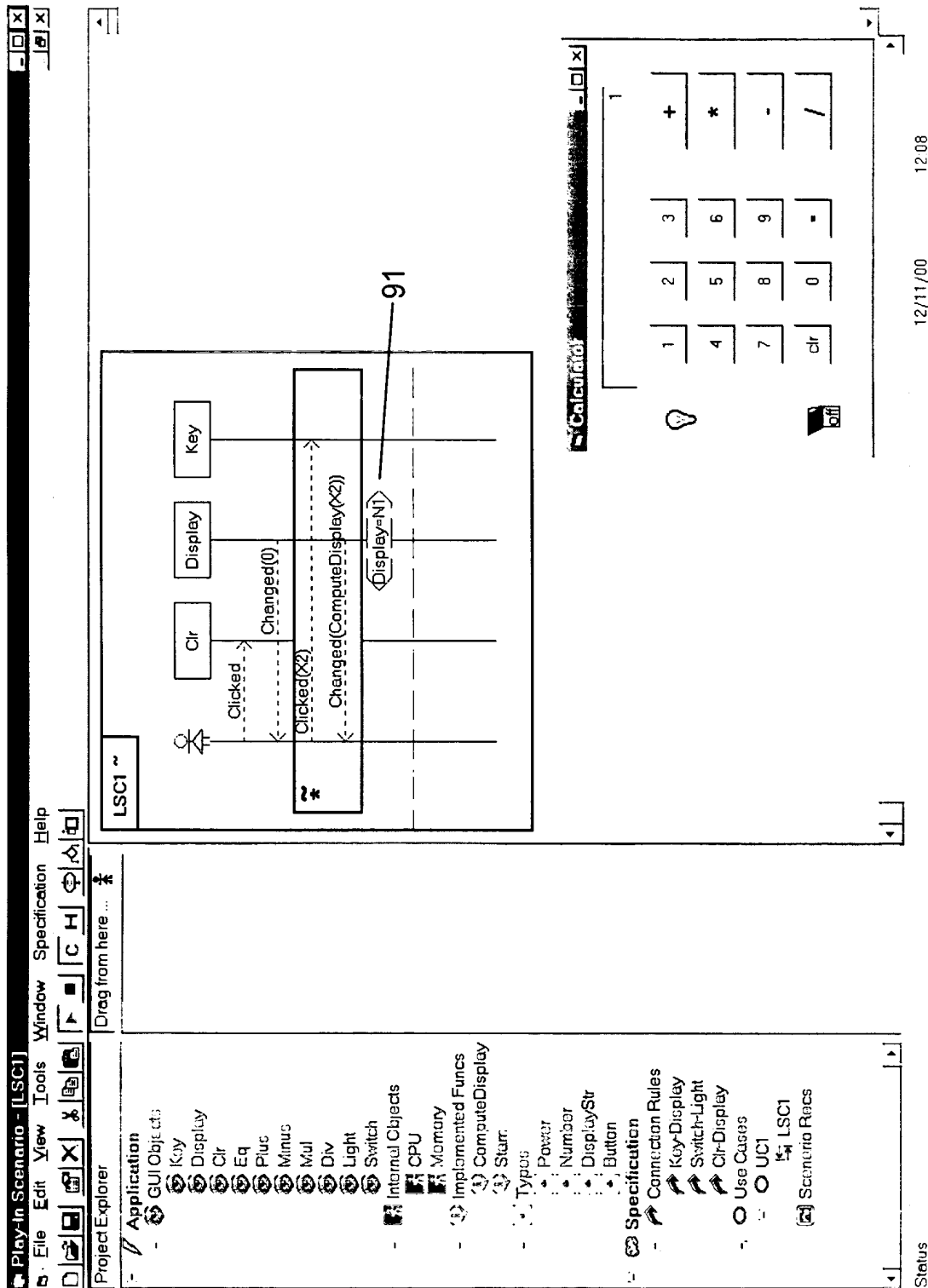


FIG.9

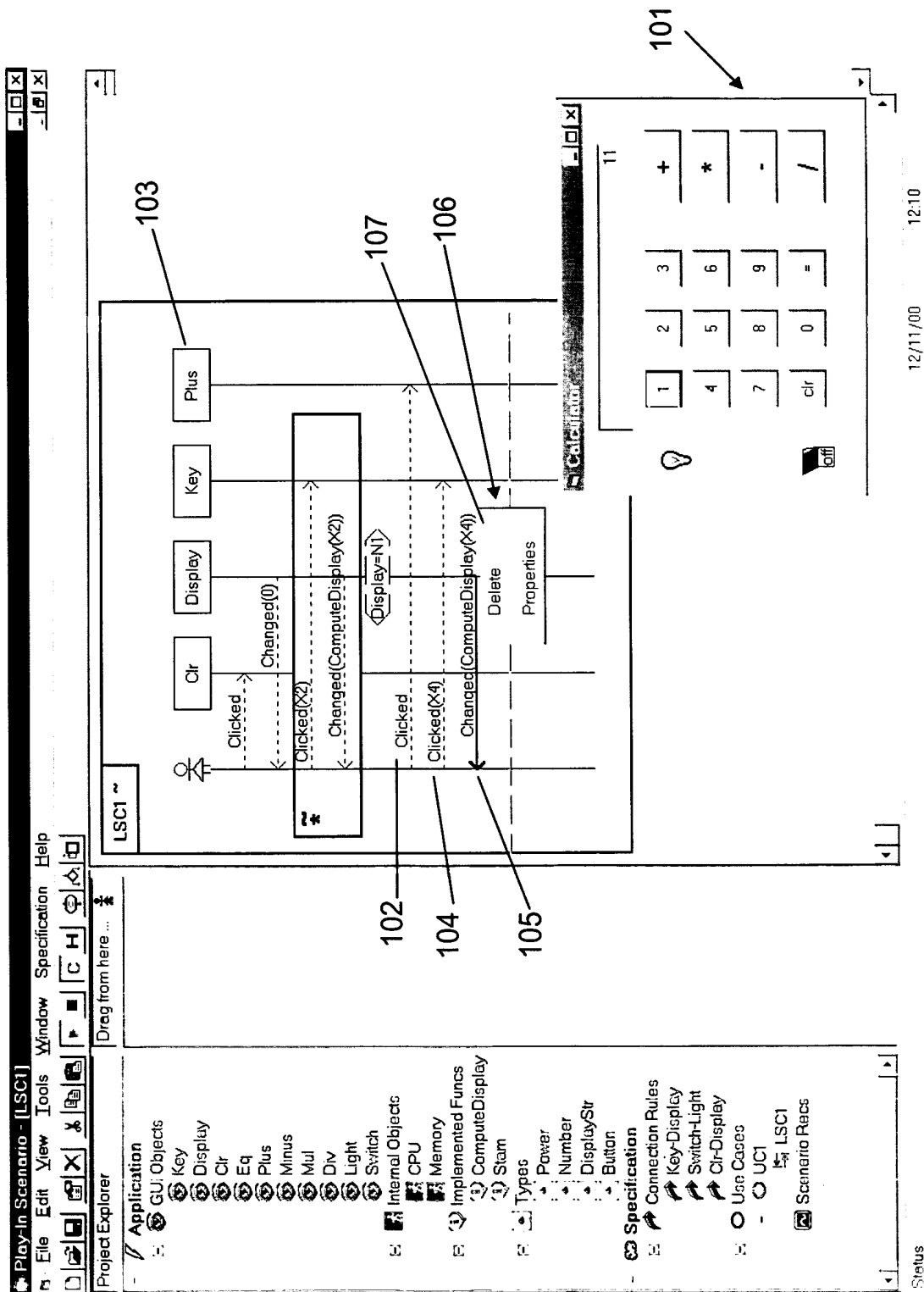


FIG.10

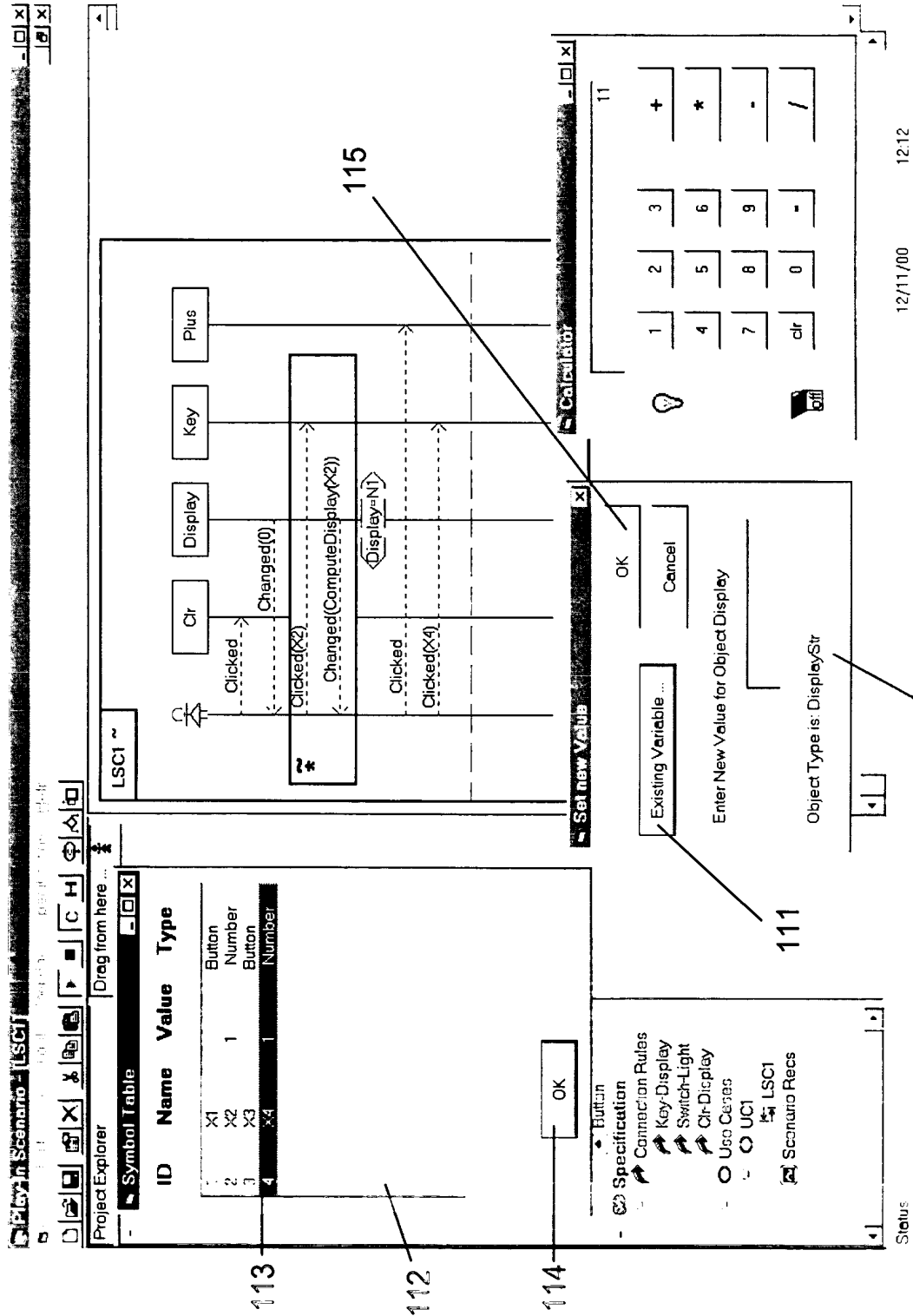
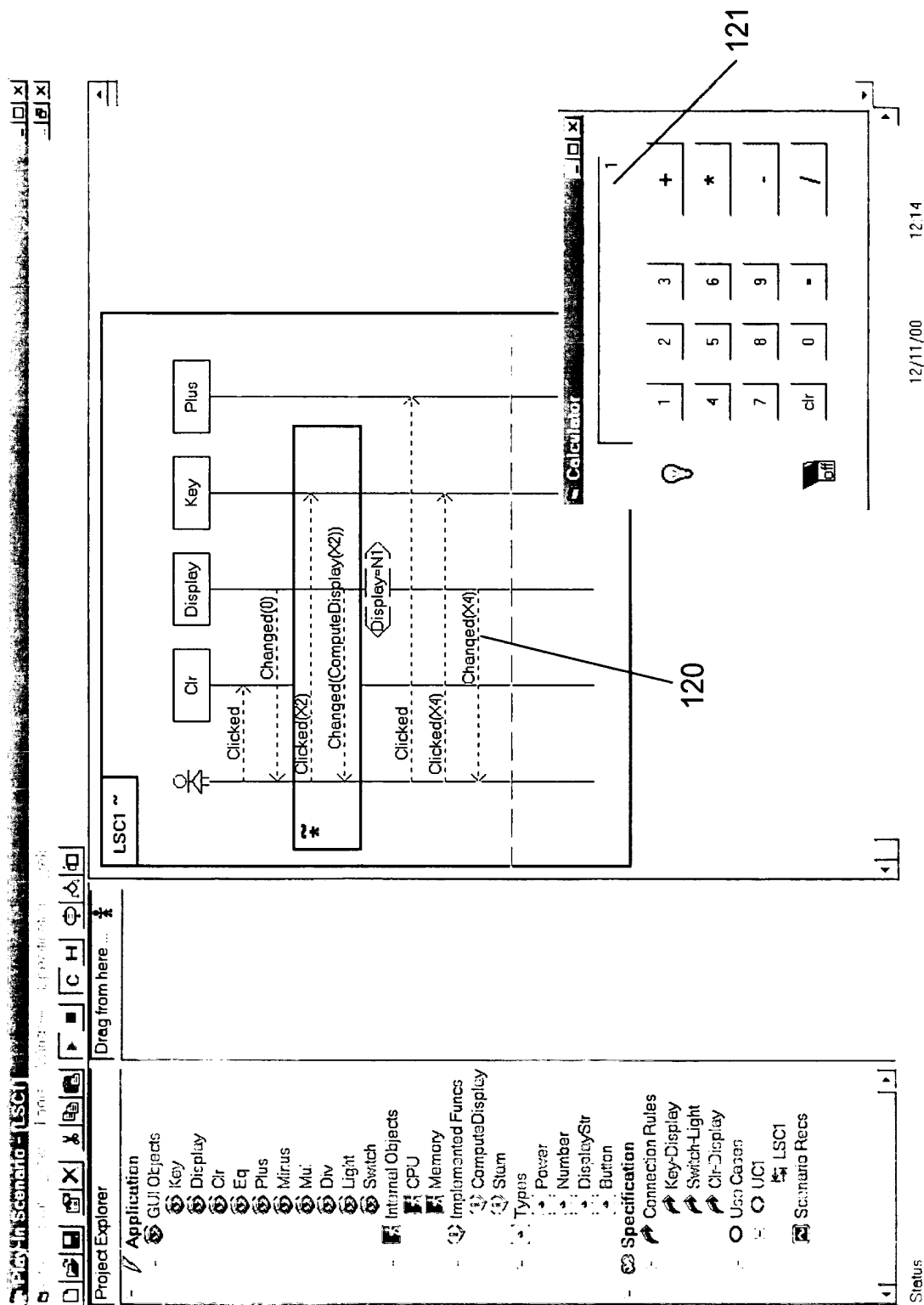


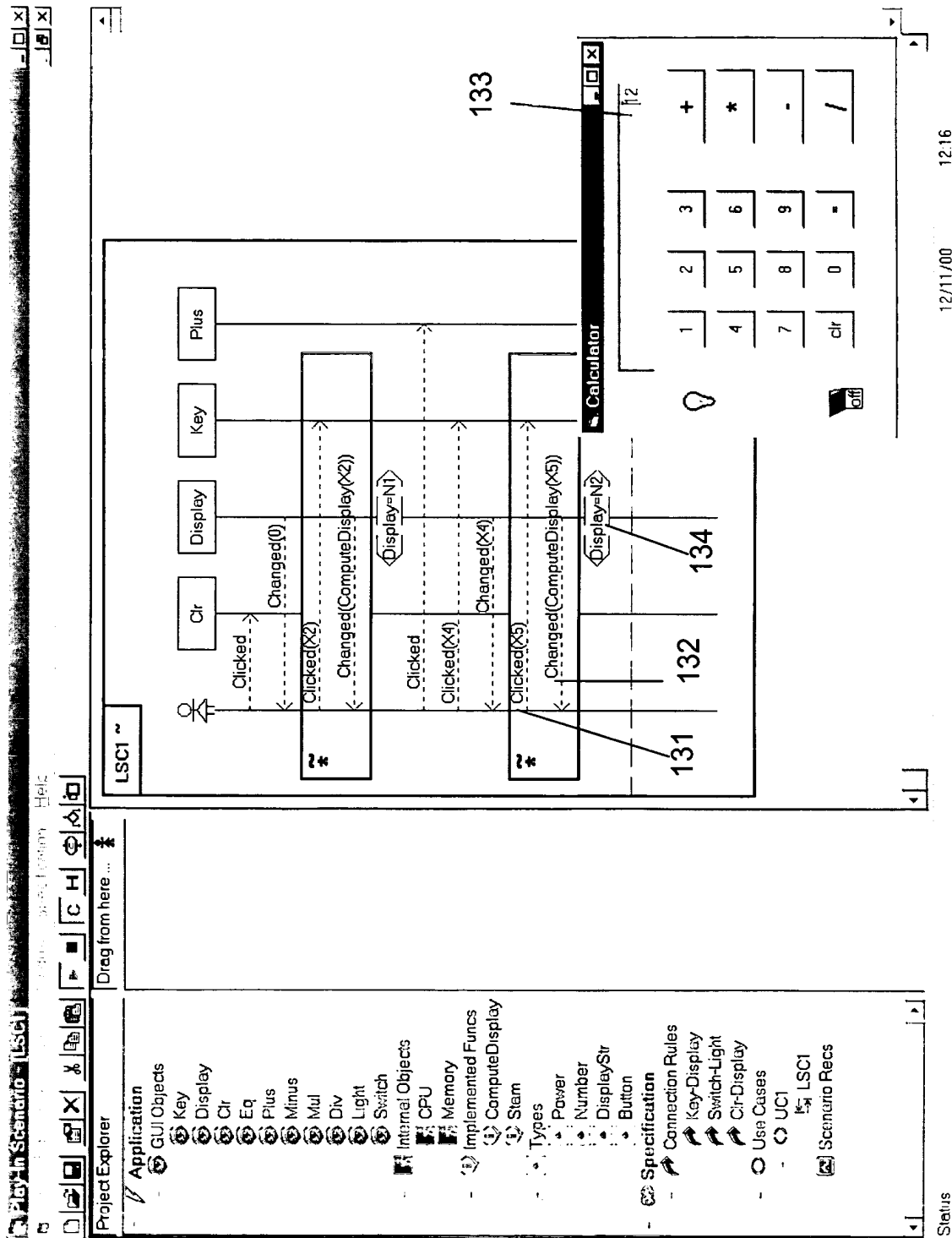
FIG.11





Replacement Sheet
10/034,433

14/33



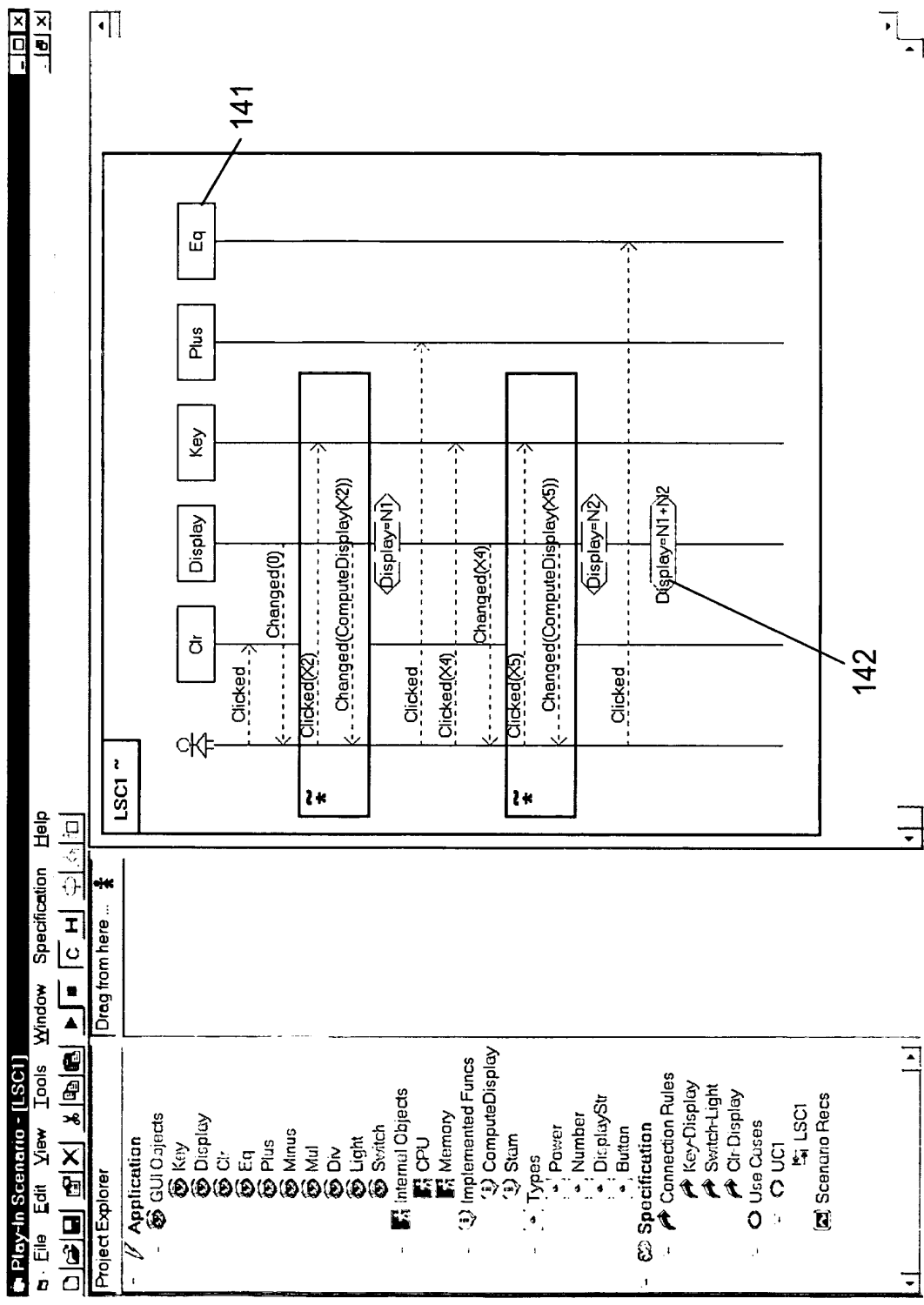


FIG.14

12 06

09/11/00

Status

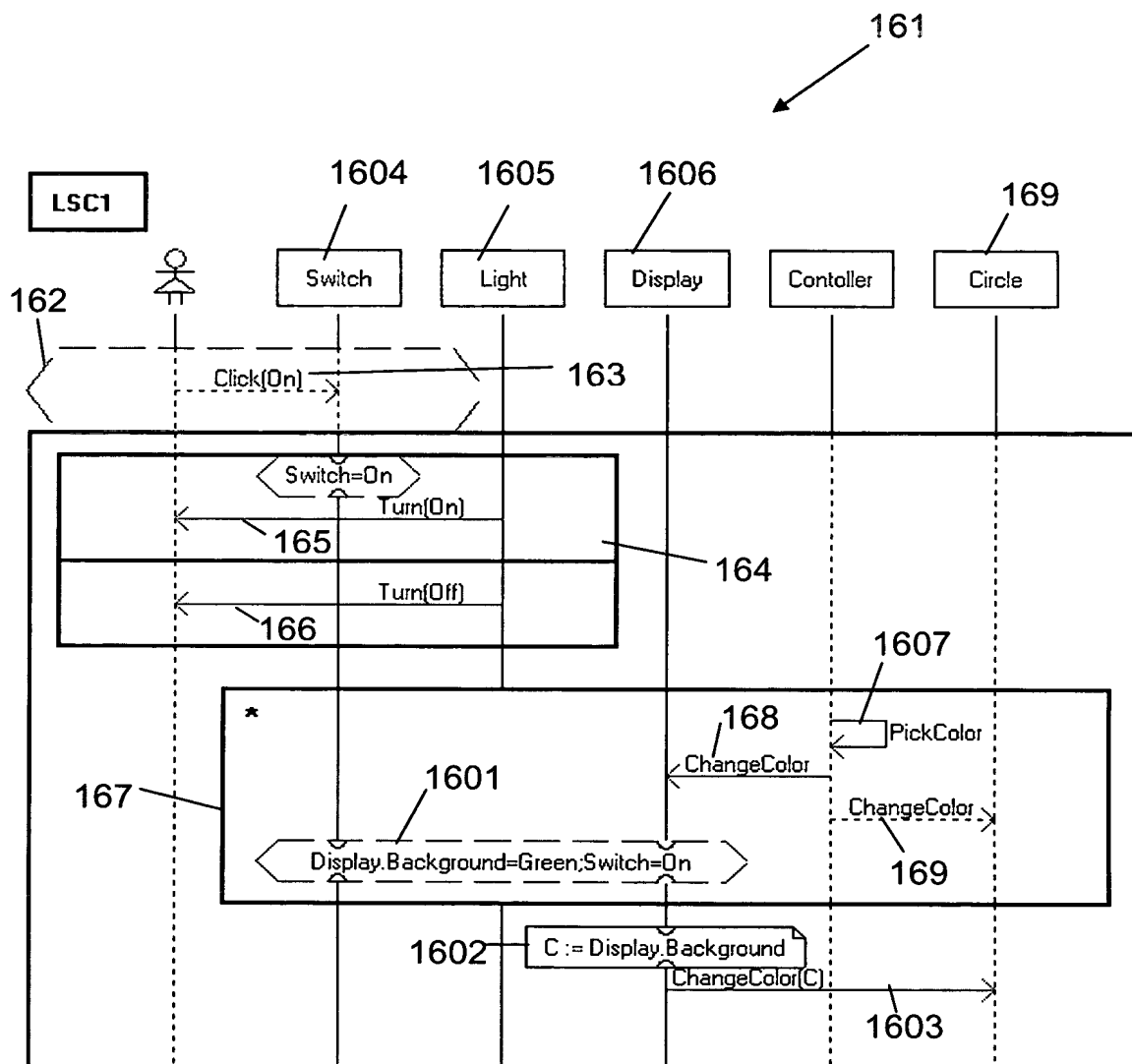


FIG. 16

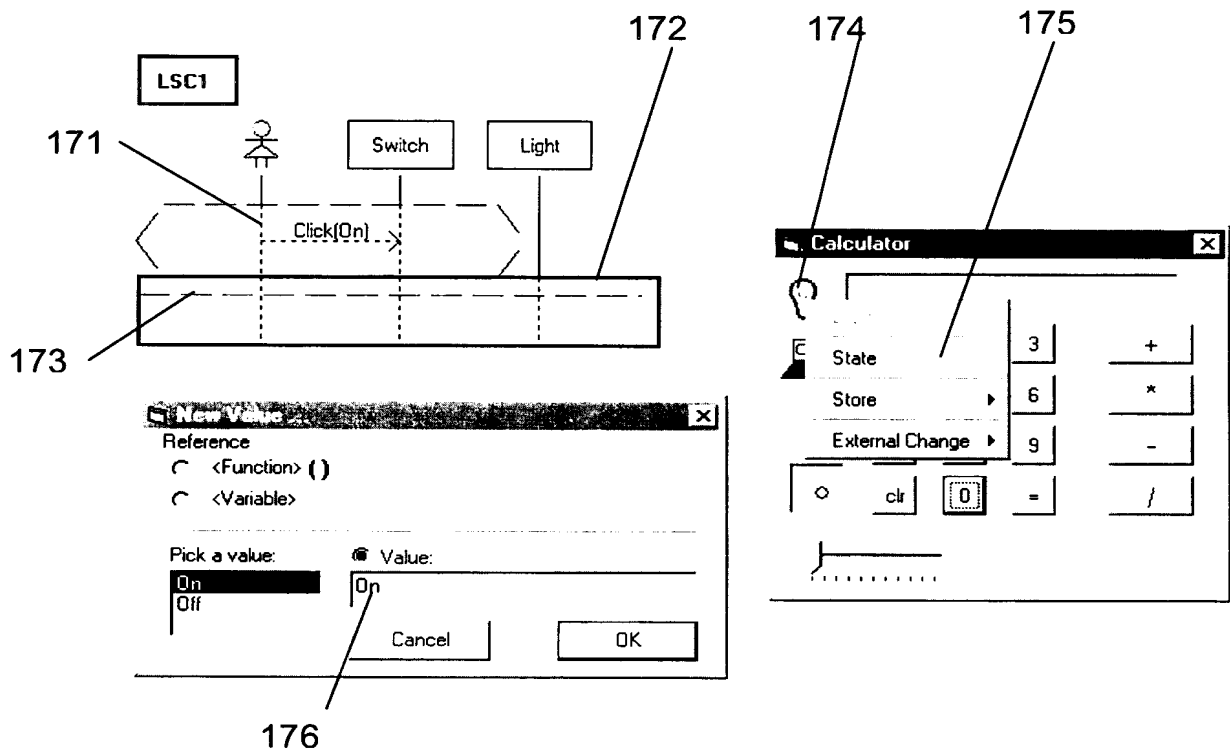


FIG. 17

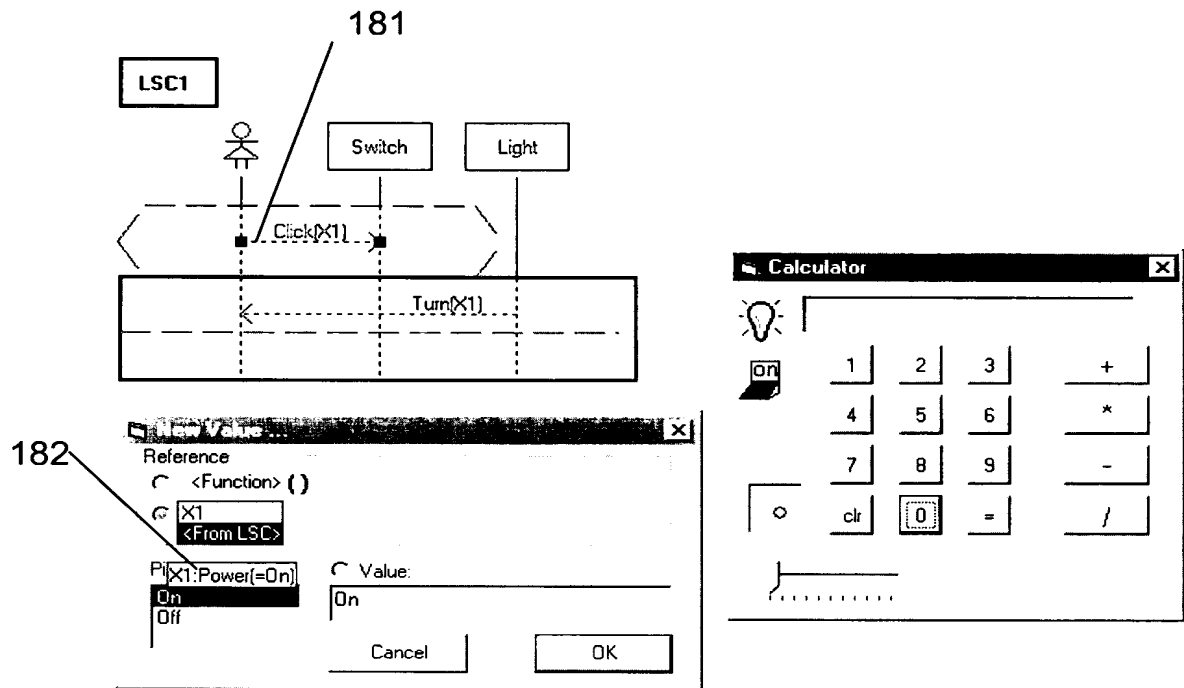


FIG. 18

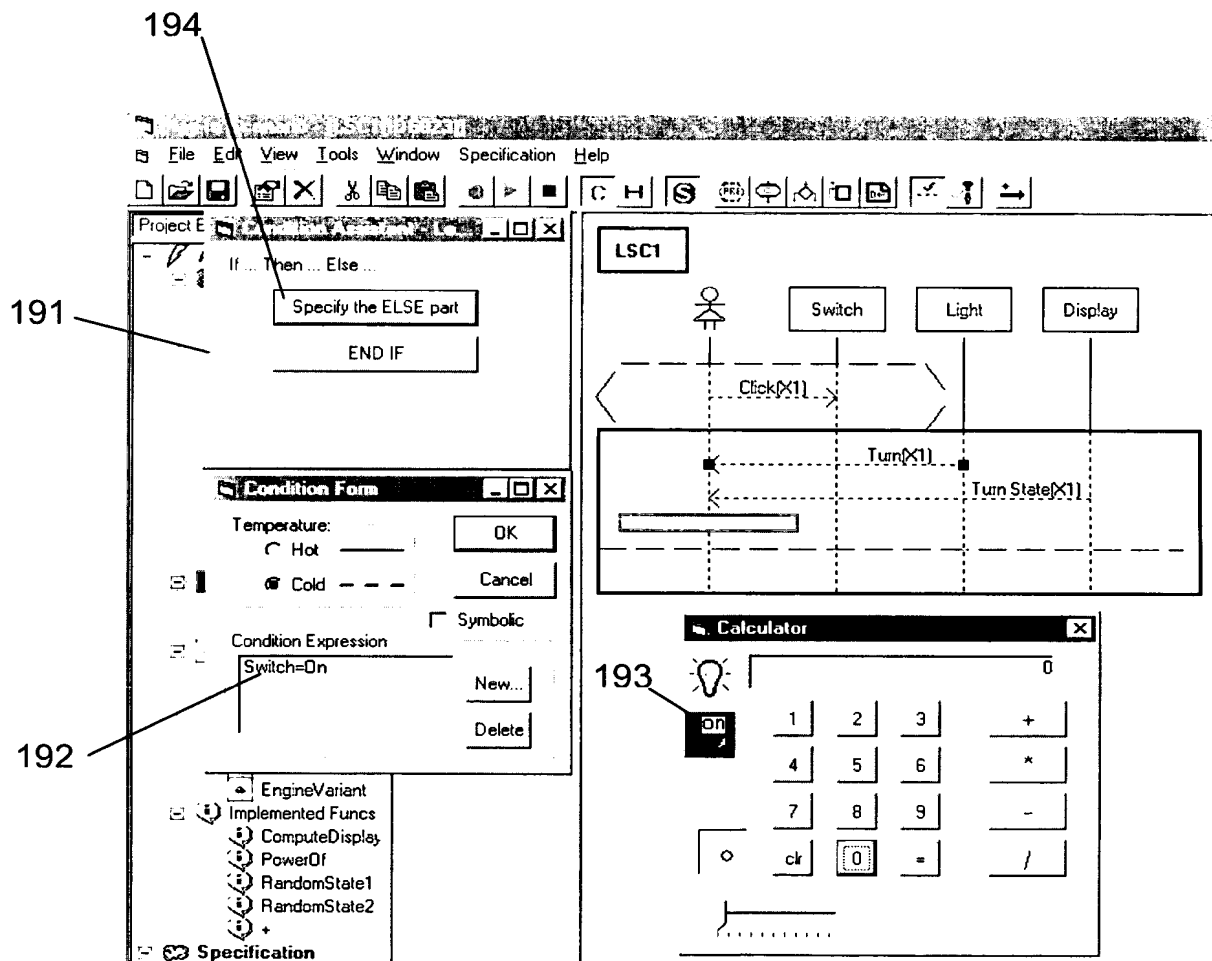


FIG. 19

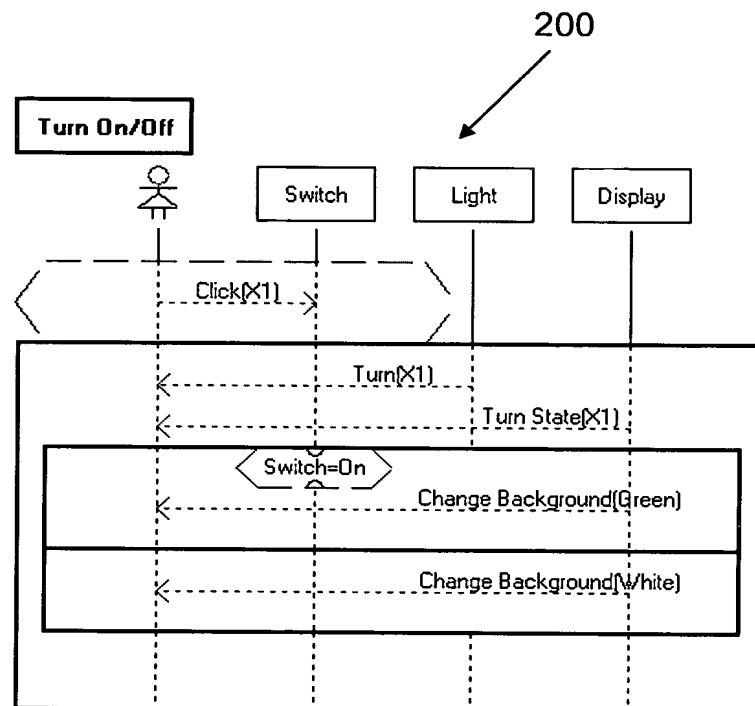


FIG. 20

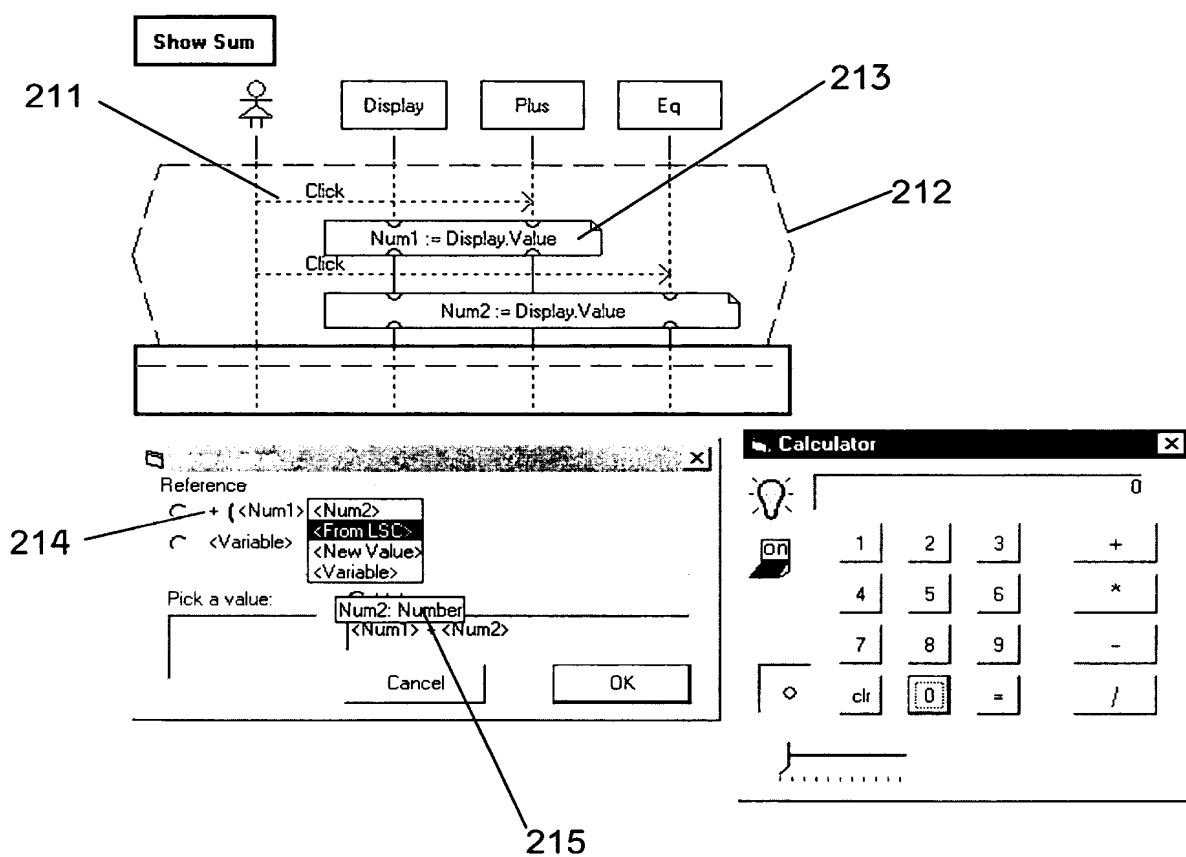


FIG. 21

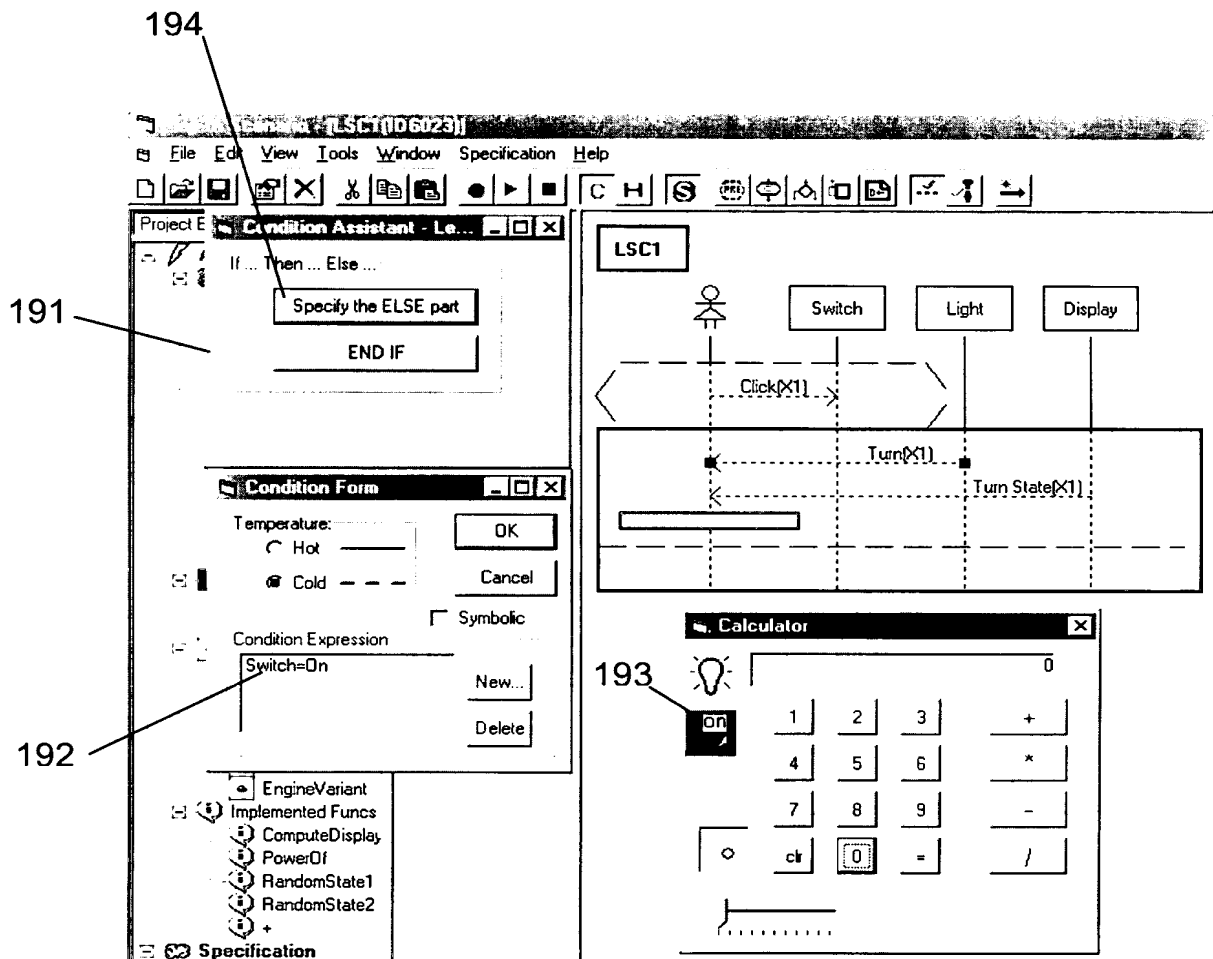


FIG. 19

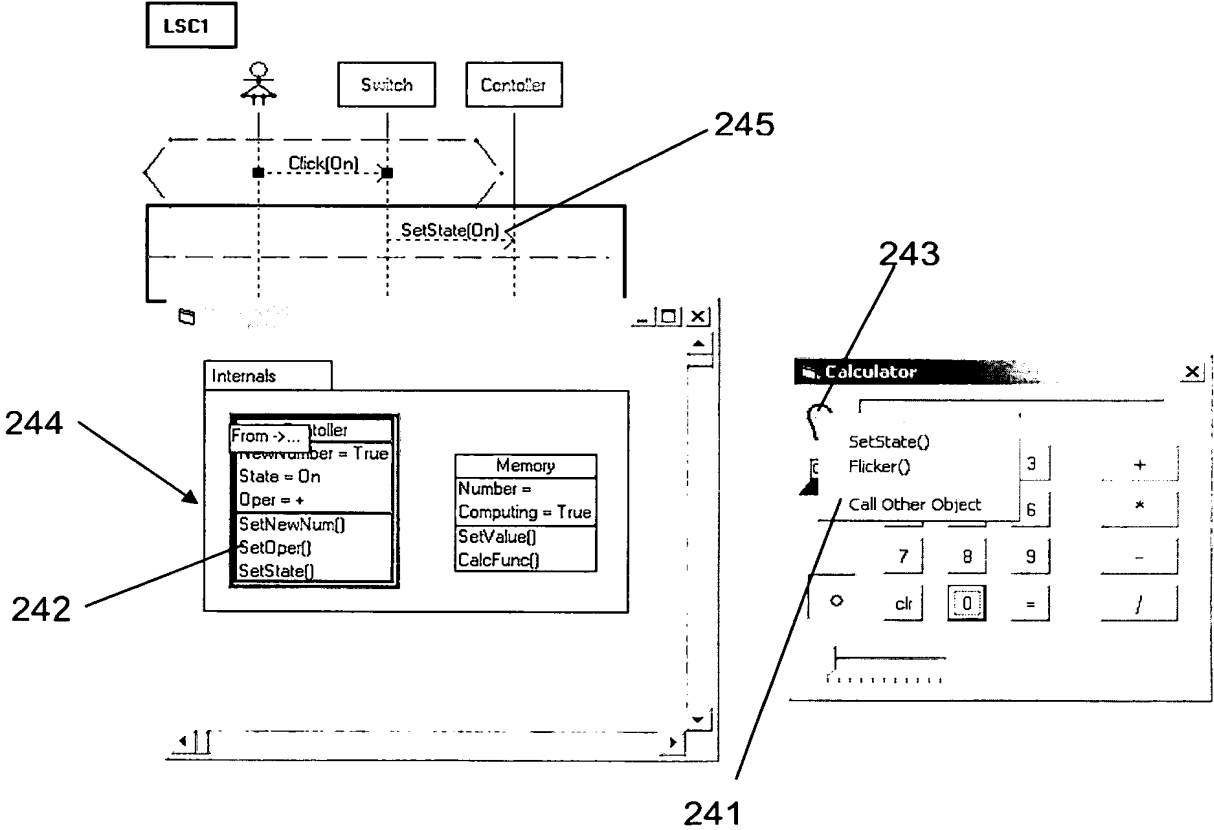


FIG. 24

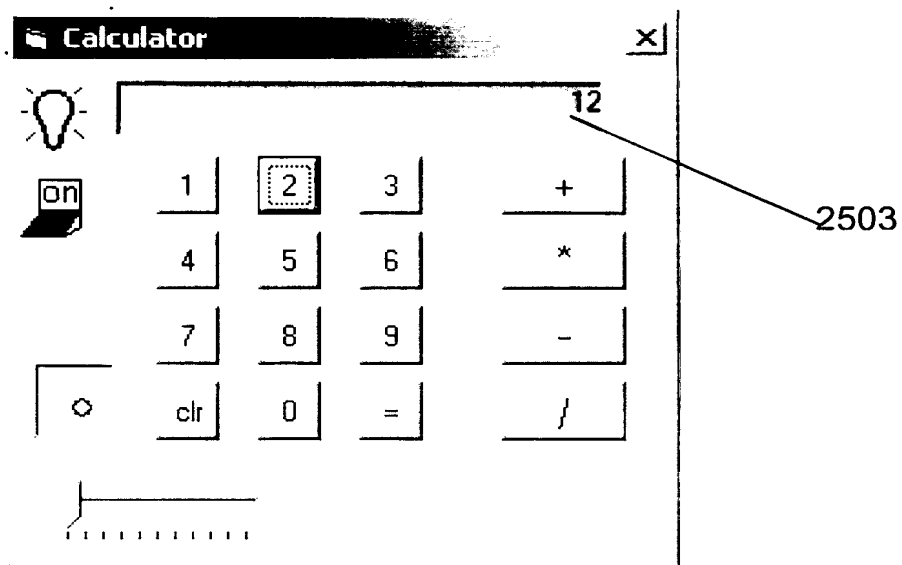


FIG. 25A

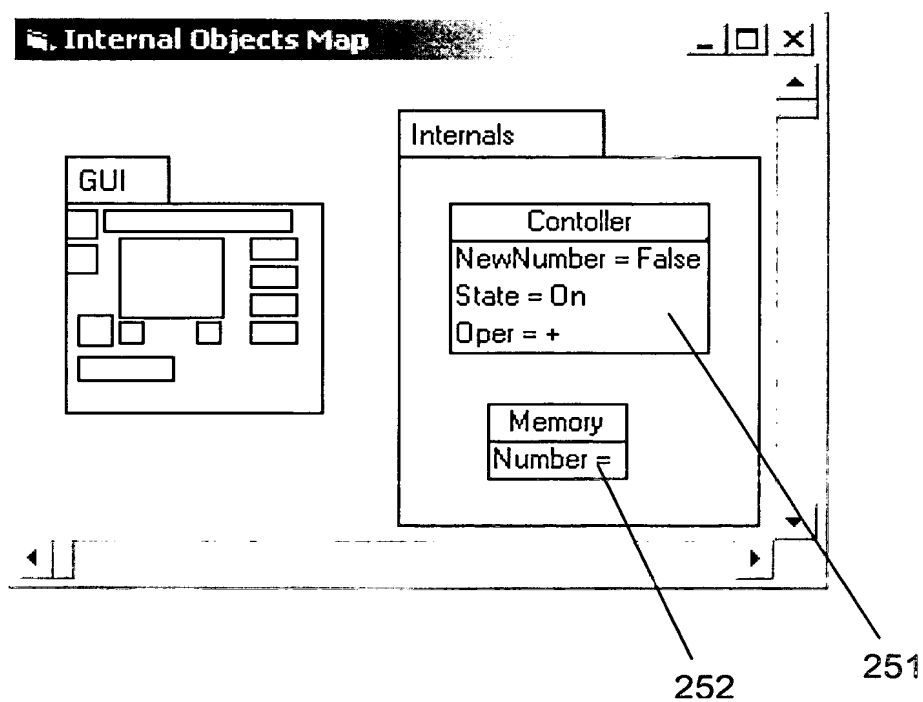


FIG. 25B

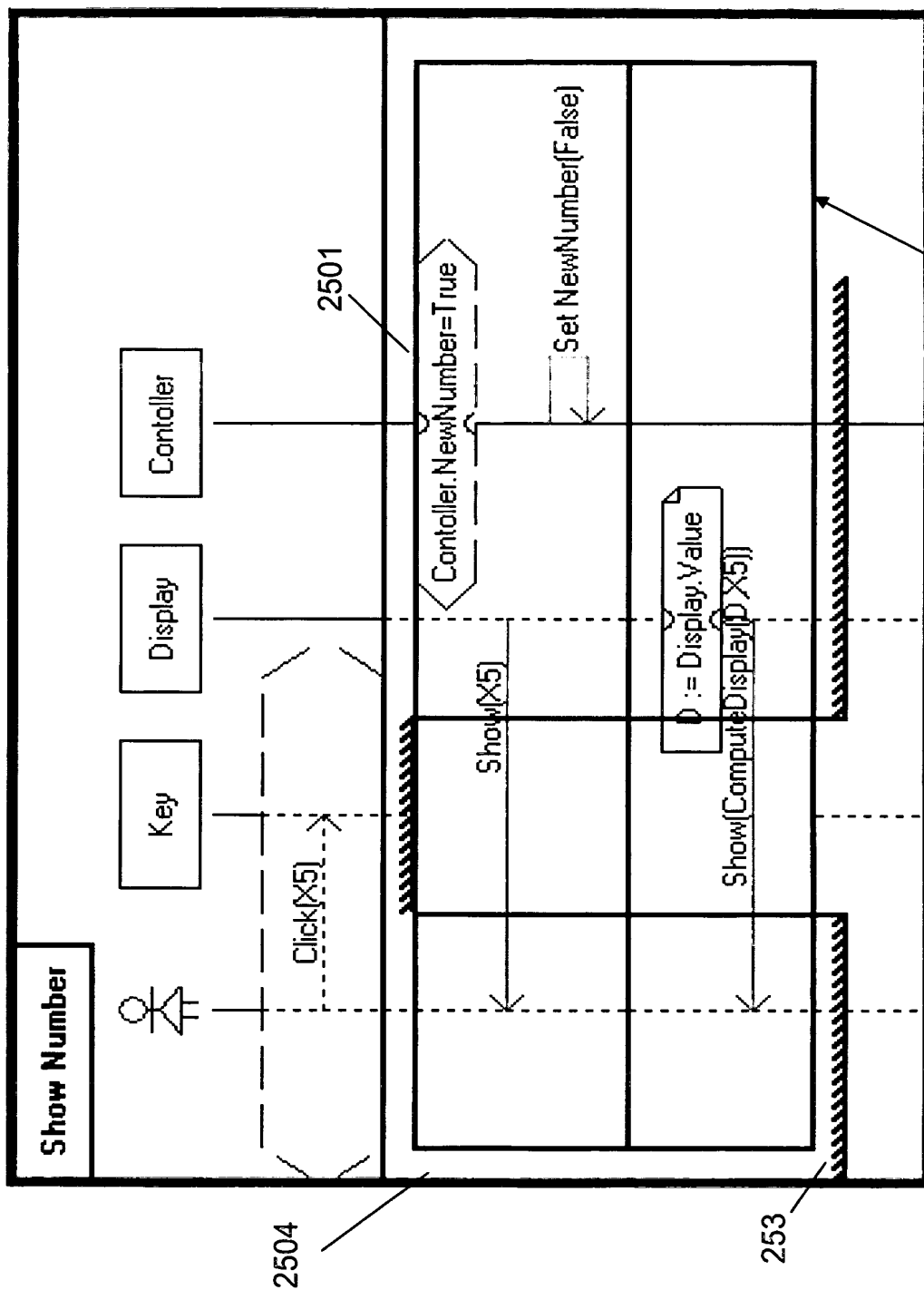
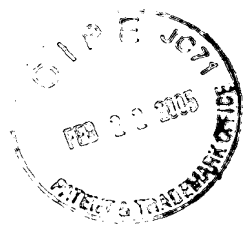


FIG. 250C

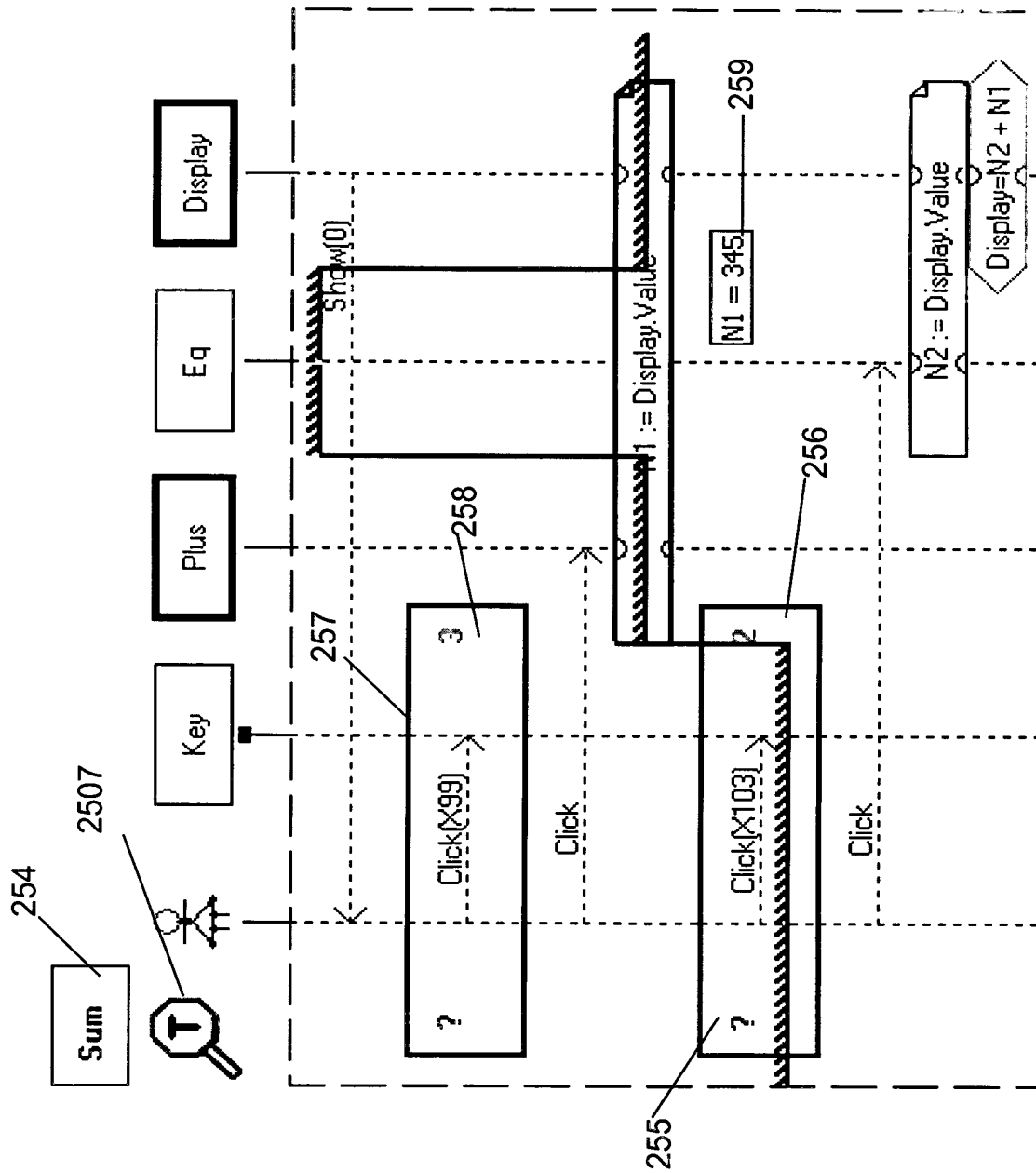


FIG.25D

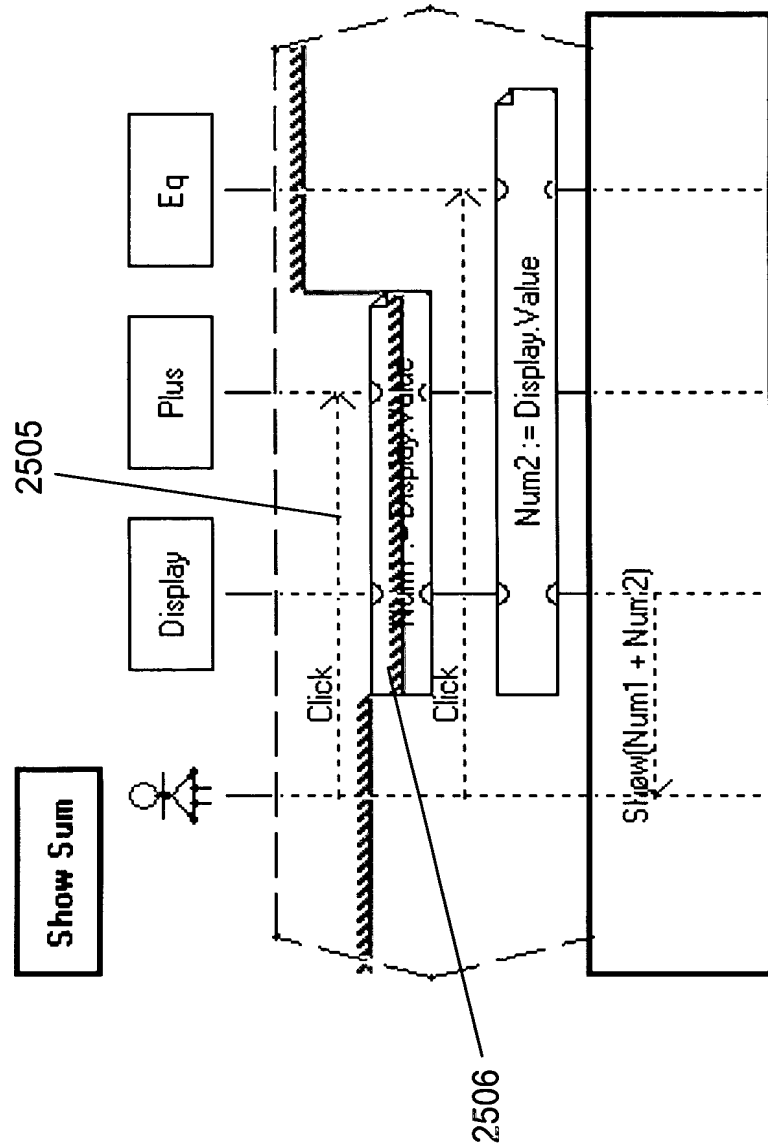


FIG. 25E



FIG.26B

Run Manager
Run Manipulations

Name: ID:

30 steps

☒ Manual ☐ Hide Run >>☐ Apply Universal LSCs

Start ...
User -- Value(1) --> Key (Snd)
User -- Value(1) --> Key (Rcv)
Display -- Value(1) --> User (Snd)
Display -- Value(1) --> User (Rcv)
Slider -- Value(0) --> User (Snd)
Slider -- Value(0) --> User (Rcv)
User -- Value(Click) --> Plus (Snd)
User -- Value(Click) --> Plus (Rcv)
Slider -- Value(10) --> User (Snd)
Slider -- Value(10) --> User (Rcv)
User -- Value(2) --> Key (Snd)
User -- Value(2) --> Key (Rcv)
Display -- Value(2) --> User (Snd)
Display -- Value(2) --> User (Rcv)
Slider -- Value(0) --> User (Snd)
Slider -- Value(0) --> User (Rcv)
User -- Value(Click) --> Plus (Snd)
User -- Value(Click) --> Plus (Rcv)
Slider -- Value(10) --> User (Snd)
Slider -- Value(10) --> User (Rcv)

FIG.26A

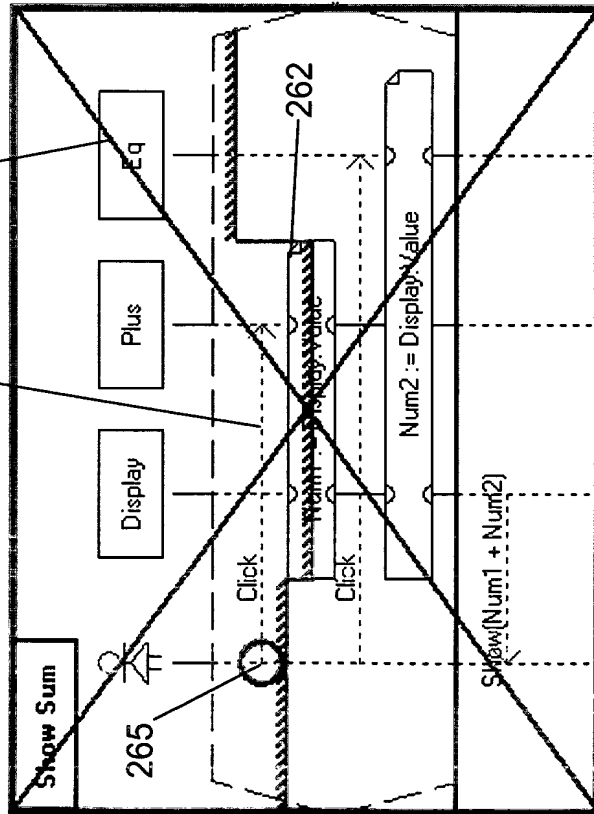


FIG.26C

Traced chart Show Sum was violated.
Closing diagram ...

OK

263

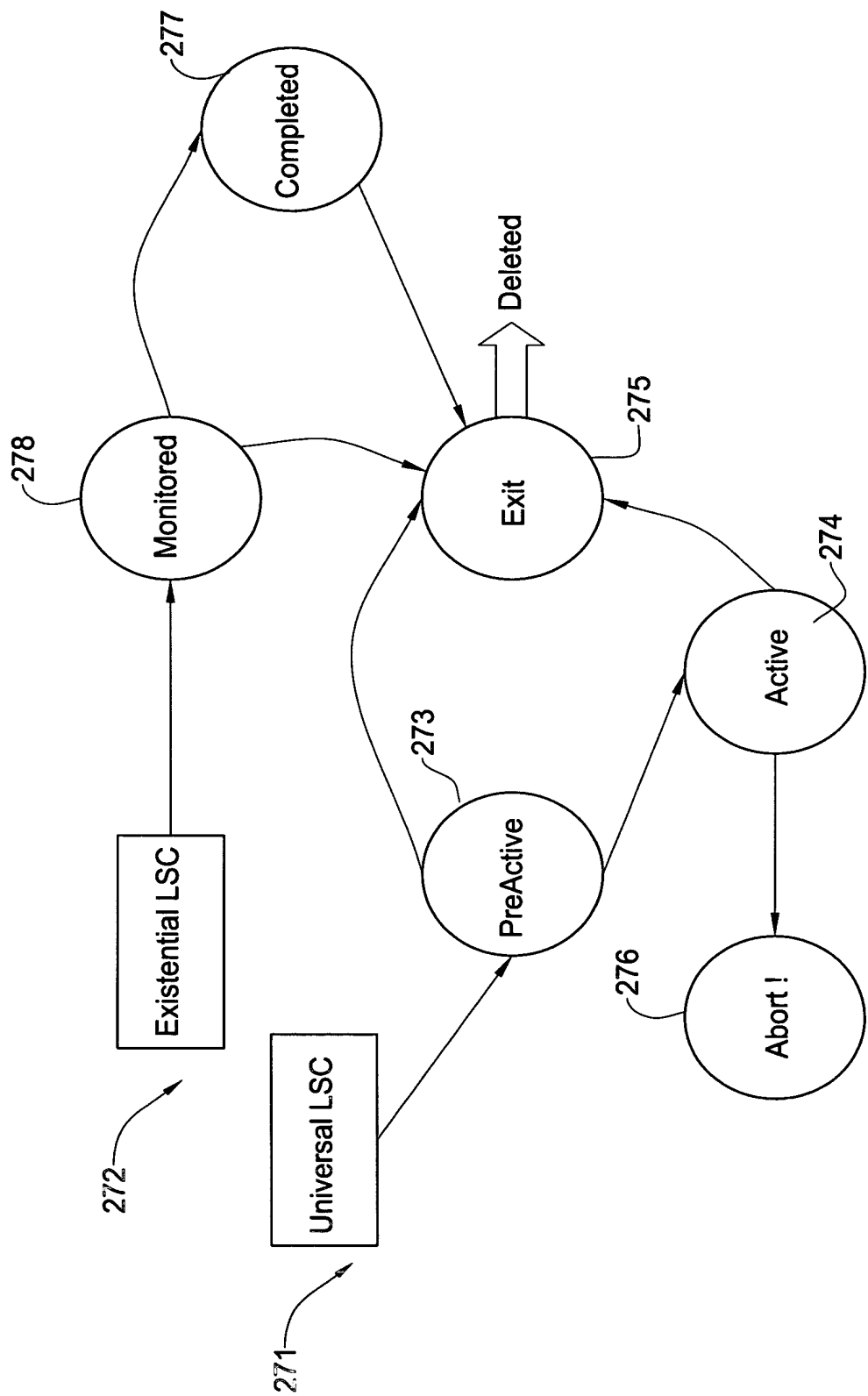
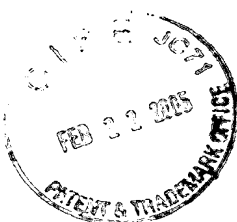


FIG. 27

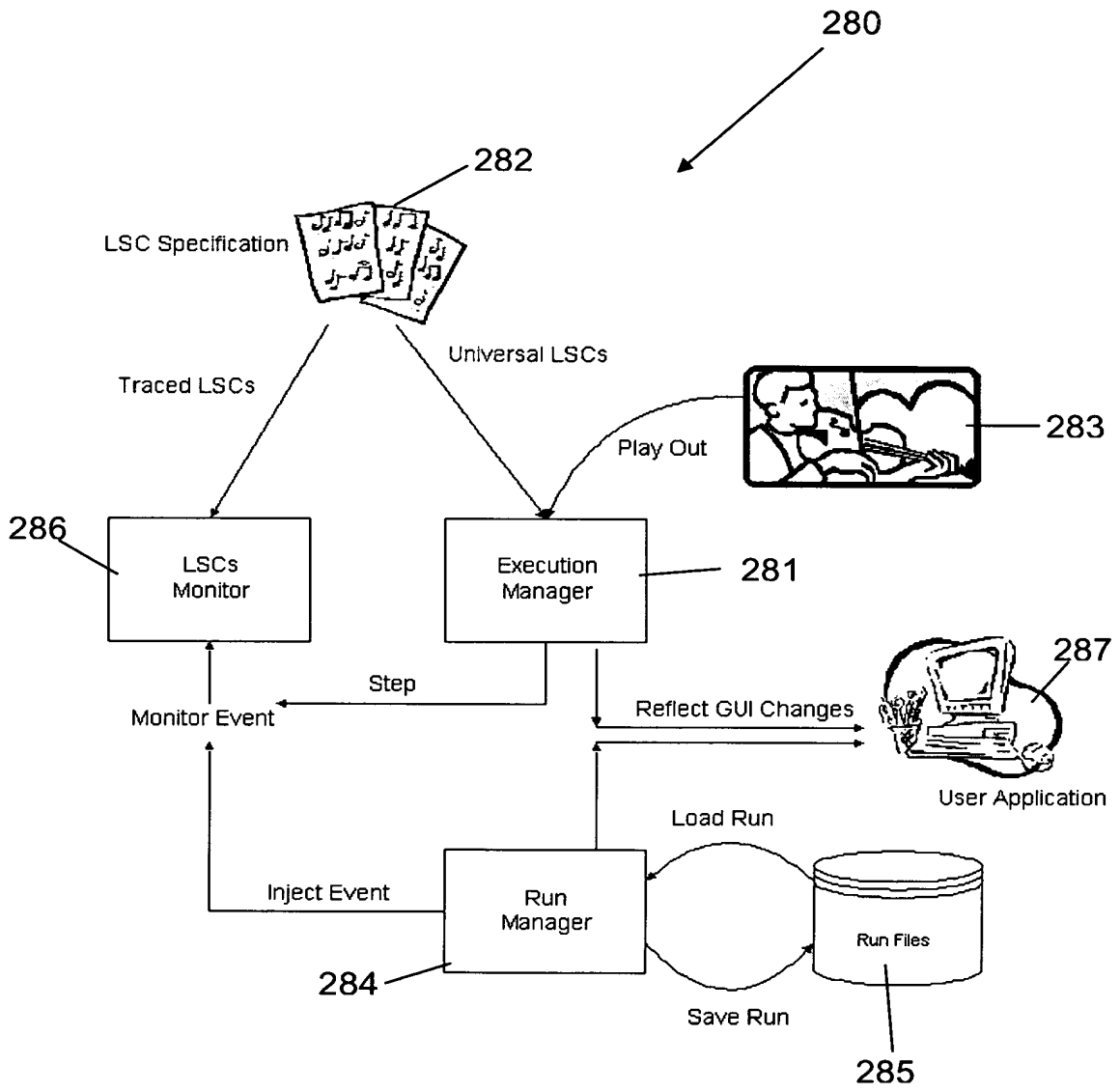


FIG. 28

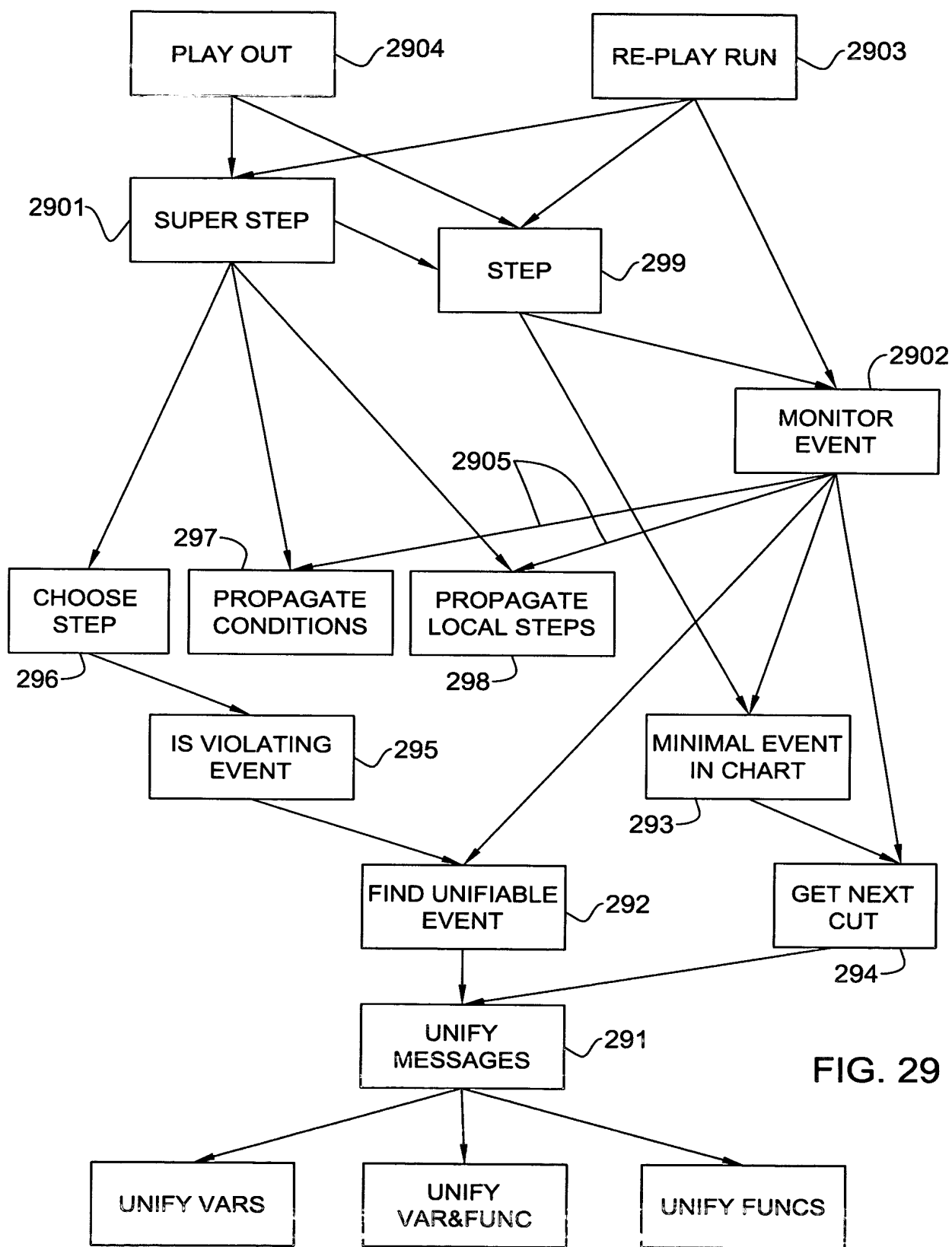
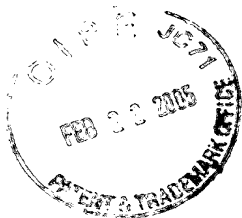


FIG. 29

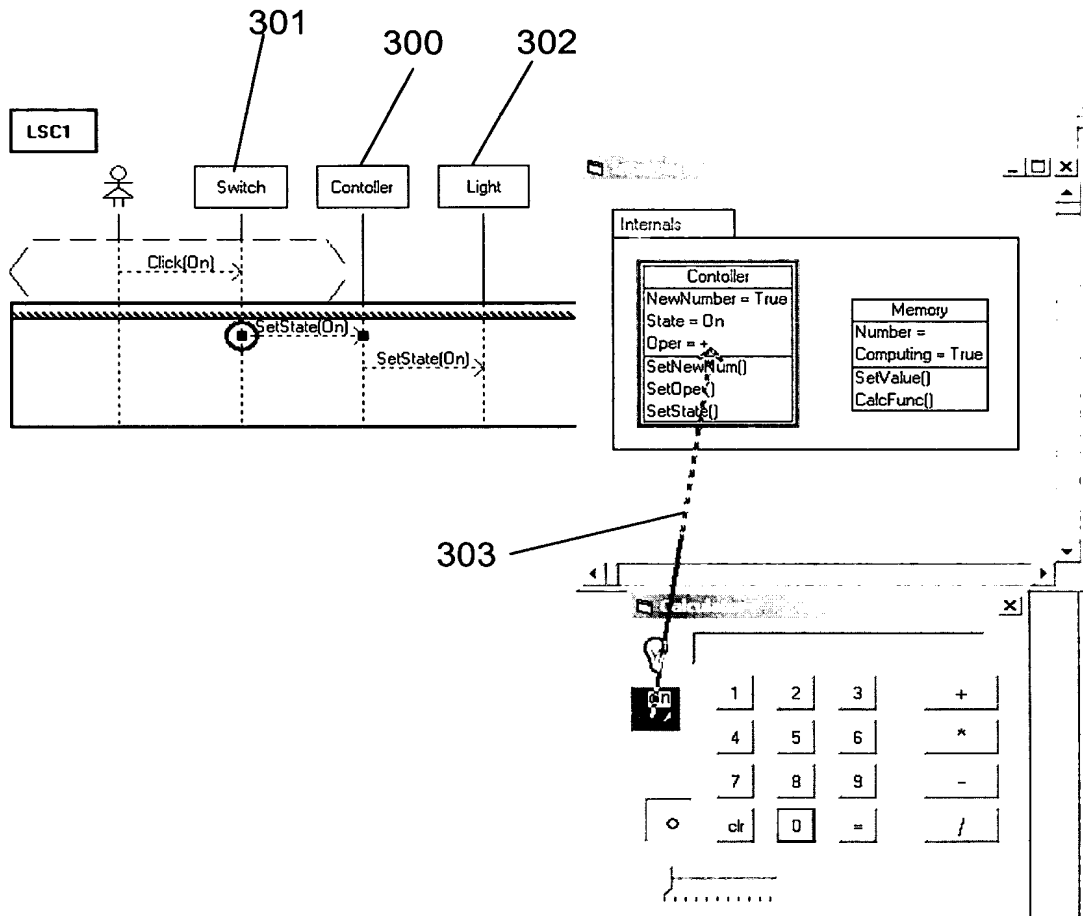
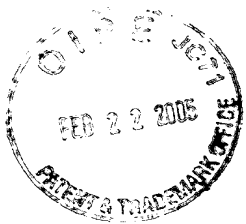


FIG. 30